



KEMAL CRISANNAUFAL

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Kemal Crisannaufal is a 6th-semester student S1 Informatics program at Telkom University. A committed and academically oriented student, possess problem solving skills and always strive to complete tasks well and with full responsibility.

PERSONAL DATA

Name : Kemal Crisannaufal
Place of birth : Sumedang, 18 Maret 2003
Gender : Laki-laki
Address : Perumahan Korpri A/6 Desa Sayang, Kec. Jatinangor, Kab. Sumedang, Jawa Barat.

EDUCATION

S1 INFORMATIKA, TELKOM UNIVERSITY September 2021 – Now

- GPA: 4.00

SMAN 1 JATINANGOR 2018 - 2021

- Final Score: 91.40

ACHIEVEMENT

Computing Competitive Programming Finalist December 2022

- Solved problems related to algorithms and university-level programming, became a finalist, and successfully finished in 5th place out of 100+ participants.

ACTIVITIES AND PROJECTS

Maenball Web Application March 2024 – Now

Final project for Platform Based Application course. Maenball is a football information system that provides football information, news, and highlights.

- Currently developing a web-based application using the Laravel framework
- Creating the front-end using HTML, CSS, Bootstrap, and Javascript
- Implementing the back end using PHP and MySQL

Data Structures Practicum Assistant September 2023-January 2024

Served as a practicum assistant for the Data Structures course in the Informatics Laboratory Telkom University

- Assisted students in understanding data structures.
- Conducted evaluations of students' laboratory work.

Desktop Parking Application Development Project September 2023-January 2024

Final project for the Object-Oriented Programming course

- Develop a desktop parking application using the Java programming language.
- Designed and implemented the database using MySQL and served as the backend developer.
- Conducted unit testing using Junit.

Parkinson's Severity Prediction Project Using Neural Networks November 2023

Project for the Machine Learning course

- Performed data cleaning and data exploration on the dataset.
- Performed regression to predict the severity level of Parkinson's disease based on patient telemonitoring using artificial neural network.
- Produced a model with an R2 score of 0.87.

CeLoe LMS Tel-U Mobile Redesign Project

February-June 2023

Final project for the Human-Computer Interaction course

- Analyzed of an existing application design and created user personas for the application.
- Developed a new design along with its prototype based on the analysis results using Figma software.
- Conducted usability testing using Maze and created a list of improvement plans.

Parking Application Design and Planning Project

February-June 2023

Final project for the Software Engineering: Analysis and Design course

- Conducted elicitation for a parking application and analyzed user classes and use cases required by each user for the application.
- Analyzed and determined the functional and non-functional requirements of the application.
- Created a software requirement specification document from the analysis of requirements.
- Designed the application interface on Figma software.
- Produced a software design description document as a guide for implementation.

Certifications

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| • Belajar Dasar Pemrograman Javascript | Dicoding March 2024-March 2027 |
| • Introduction to Data Science with Python | DQLab February-2024 |
| • Python for Data Professional Beginner | DQLab February-2024 |

Skills

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|-------------|-------------------------------|--------------------|--------------|
| • C++ | • Laravel | • Teamwork | • HTML |
| • Python | • SQL | • Microsoft Office | • Javascript |
| • Java | • Object Oriented Programming | • HTML | |
| • Bootstrap | | | |